

July 1, 1948.

Dr. James Craigie,
Imperial Cancer Research Fund,
Burtonhole Lane, The Ridgeway,
Hill Hill, London, NW 7,
ENGLAND.

Dear Dr. Craigie,

In your review paper in *Bact. Rev.* (1946) you refer to your fascinating work with the gamma phages of the typhoid organism. If you have published your work somewhat more extensively, I would be grateful for the reference or a reprint. The *Canadian Public Health Journal* is not readily accessible here, and if the material is not covered elsewhere, I would be obliged for a reprint of your abstracts there. I would particularly like to have this material for use in writing a review of Bacterial Variation for *Annual Reviews*.

One point in your discussion was not clear to me (p/ 85): namely, that "gamma" could convert E to D_1 . Is this conversion accompanied by lysis of susceptible cells and selection of D_1 (albeit lysogenic) variants, or does every cell in the culture remain intact and become transformed to D_1 ? This question has obvious genetic interest.

Yours sincerely,

Joshua Lederberg,
Assistant Professor of Genetics.

Re LYSOGENIC CONVERSION